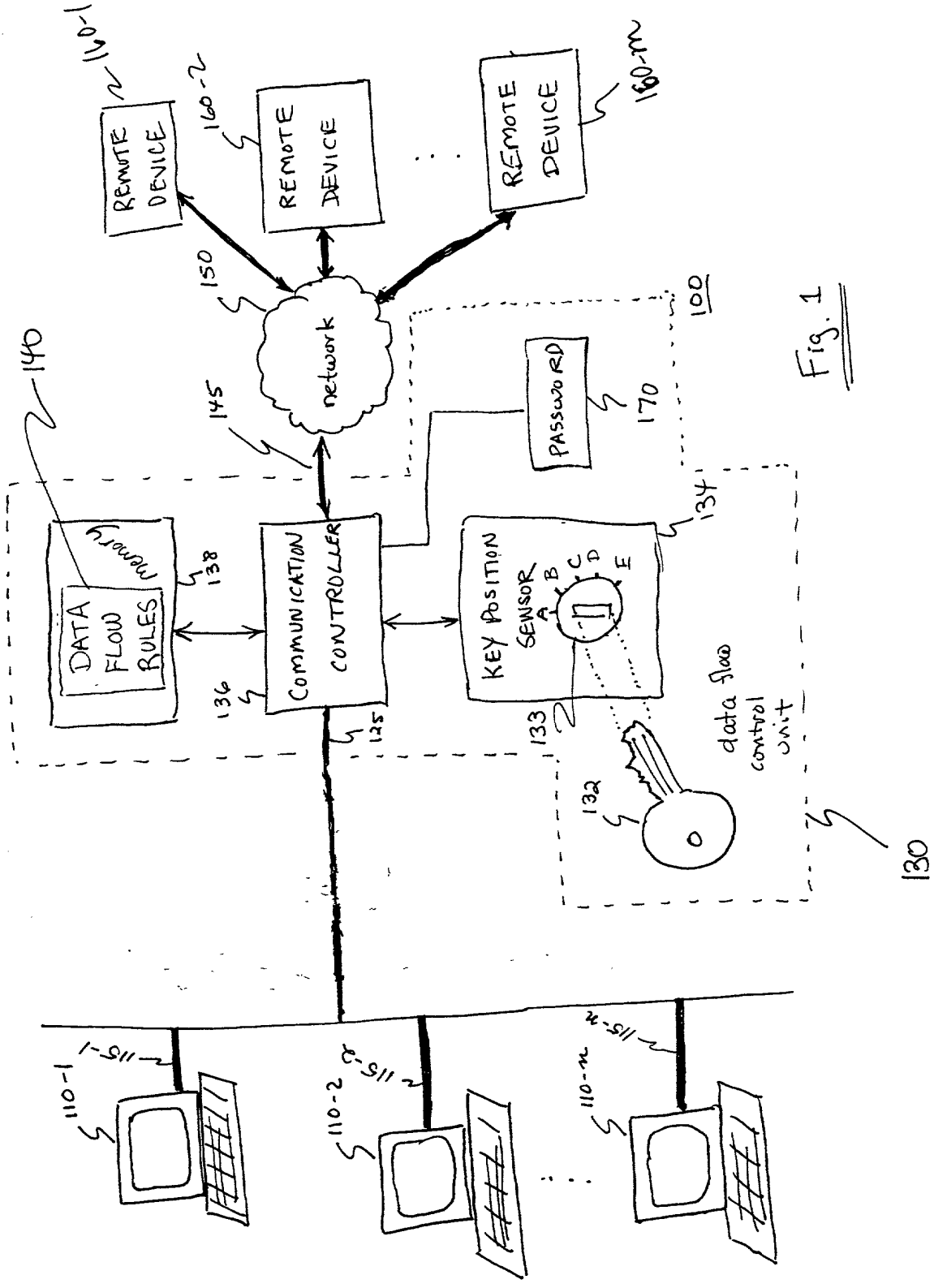
160-1
REMOTE DEVICE
160-2
REMOTE DEVICE
160-m
REMOTE DEVICE
150
network
145
100
140
PASSWORD
170
DATA FLOW RULES
memory
138
COMMUNICATION CONTROLLER
136
125
KEY POSITION SENSOR
A
B
C
D
E
134
133
132
data flow control unit
130
115-1
115-2
115-n
110-1
110-2
110-n

Fig. 1

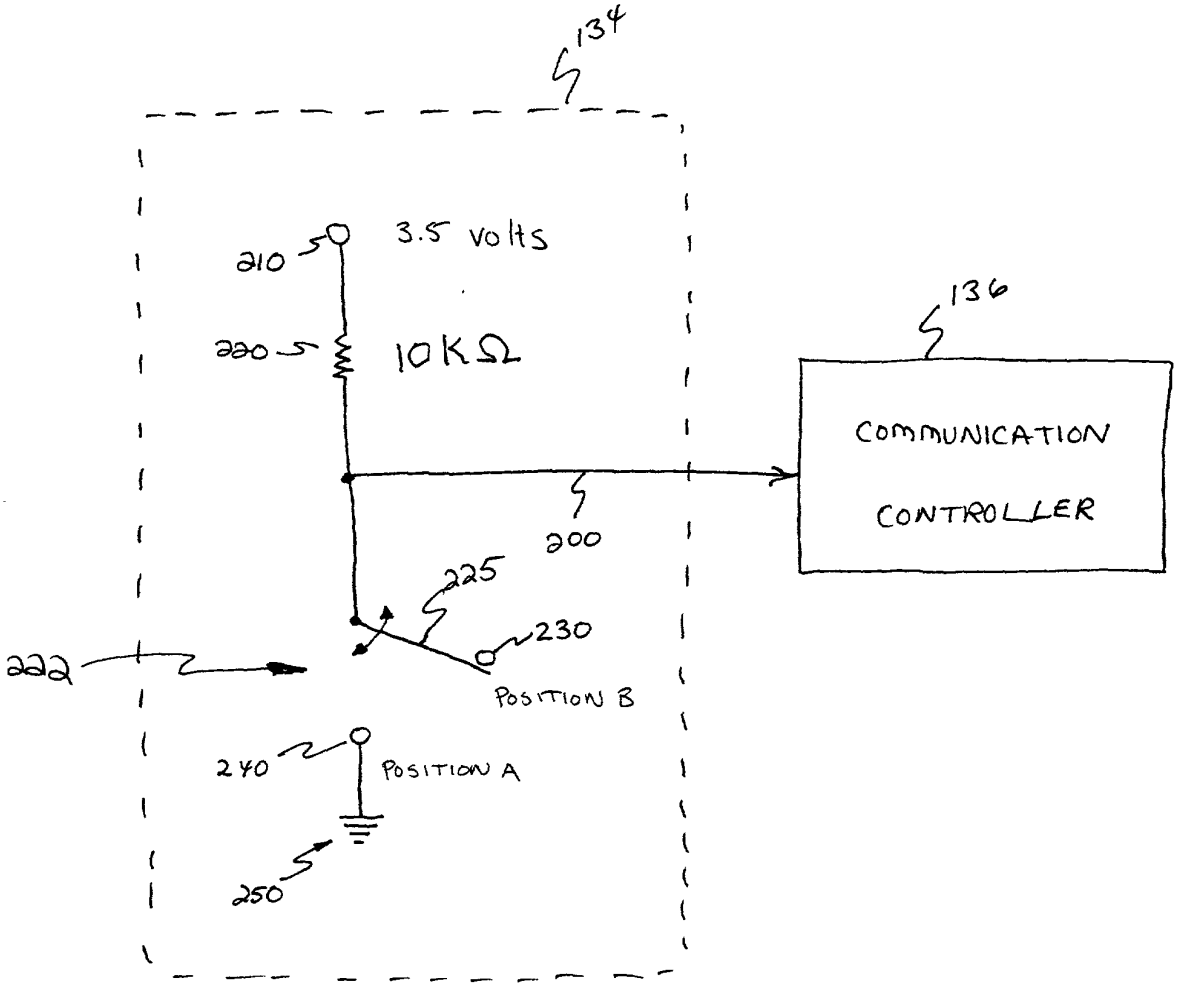
134
3.5 volts
210
220
10KΩ
136
COMMUNICATION
CONTROLLER
200
225
230
222
POSITION B
240
POSITION A
250

Fig. 2

09759074 "020202"

Fig. 3

USER OR TERMINAL ID	SESSION TYPES ALLOWED	TRANSMIT TIME ALLOWED	TARGET ADDRESSES ALLOWED	PASSWORD
A	HTTP FTP	ANYTIME	UNLIMITED	PPK486
B	HTTP	non-work hours	specific addres list	HGC422
C	none	never	none	N/A
D	HTTP FTP	8-5 M-F	vendor/client websites	DOC265
E	FTP	unlimited	corporate sites	not required

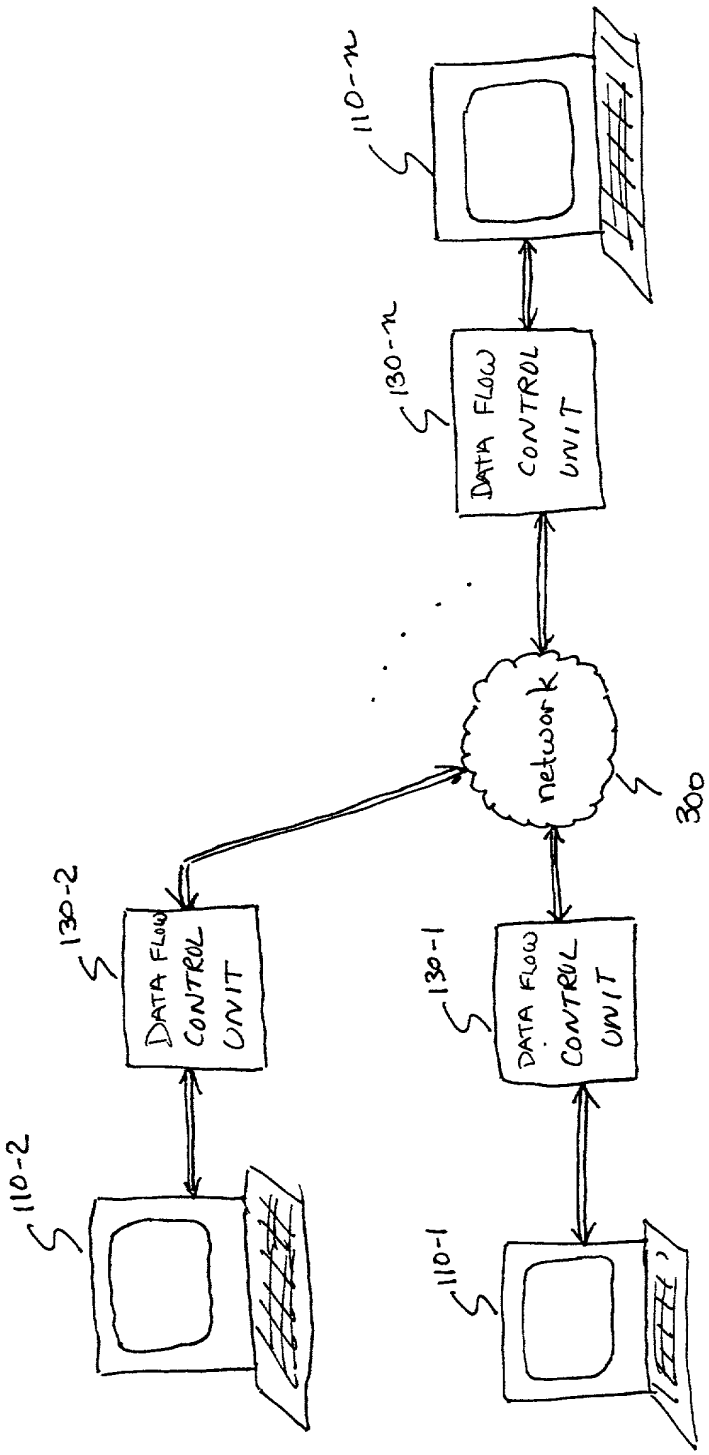
110-n
130-n
DATA FLOW CONTROL UNIT
network
300
130-2
DATA FLOW CONTROL UNIT
130-1
DATA FLOW CONTROL UNIT
110-2
110-1

Fig. 4

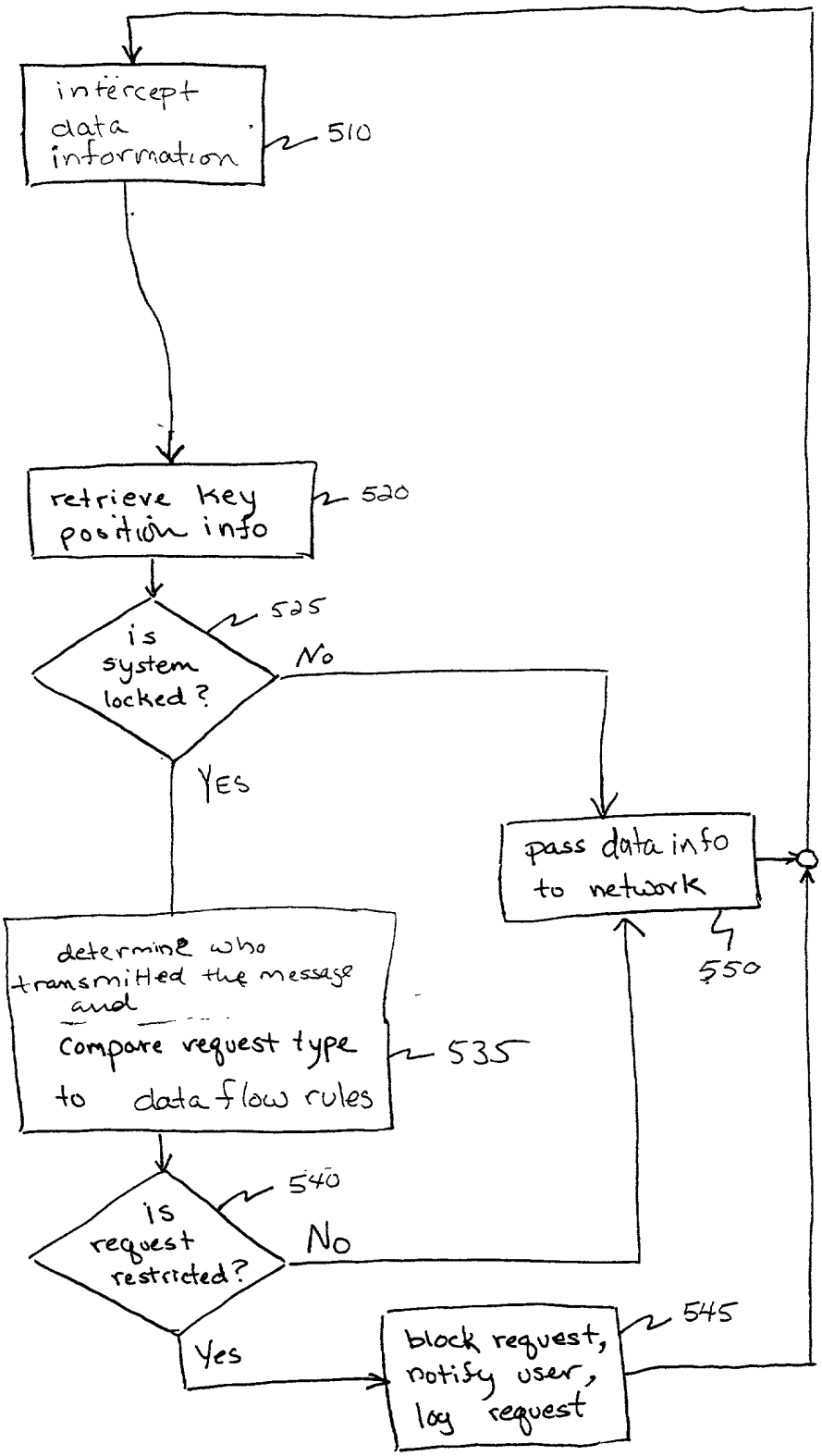
intercept data information
510
retrieve key position info
520
is system locked?
525
No
Yes
pass data info to network
550
determine who transmitted the message and
Compare request type to data flow rules
535
is request restricted?
540
No
Yes
block request, notify user, log request
545

Fig. 5